

Recombinant Human TIMP4 protein, Fc-tagged

Cat. No. TIMP4-27M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TIMP4(aa 22-279) fused with Fc region of mouse IgG2a at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	aa 22-279
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Molecular Mass	~85kDa (SDS-PAGE)
Endotoxin	<5EU/mg protein (LAL test; Lonza).
Purity	≥98% (SDS-PAGE)
Stability	Stable for at least 1 year after receipt when stored at -20 centigrade. Working aliquots are stable for up to 3 months when stored at -20 centigrade.
Storage	Short Term Storage: +4 centigrade; Long Term Storage: -20 centigrade; Avoid freeze/thaw cycles.
Reconstitution	Reconstitute with 100 µl sterile water. Add 1X PBS to the desired protein concentration.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping BLUE ICE

GENE INFORMATION

Gene Name TIMP4 TIMP metalloproteinase inhibitor 4 [Homo sapiens]

Official Symbol TIMP4

Synonyms TIMP4; TIMP metalloproteinase inhibitor 4; tissue inhibitor of metalloproteinase 4; metalloproteinase inhibitor 4; TIMP-4; tissue inhibitor of metalloproteinases 4;

Gene ID 7079

mRNA Refseq NM_003256

Protein Refseq NP_003247

MIM 601915

UniProt ID Q99727

Chromosome Location 3p25

Pathway Matrix Metalloproteinases, organism-specific biosystem;

Function enzyme inhibitor activity; metal ion binding; metalloendopeptidase inhibitor activity;

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